Revisions					216	642 . A
LAL	Rev.	Description		Chk	Date	Approved
	A	FNCRC RELEASE		RE	11-4-77	Resource

ENGINEERING RELEASE

THIS DOCUMENT CONTAINS 13 SHEETS

Dist Code

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Model No. Finis	h	Code Ident. Siz		Change Letter		
Next Assy. First Use 216647		18338 A	210012	heet 1 OF		
564-1(3/73)						

NOTES: UNLESS OTHERWISE SPECIFIED

- 1. MAKE FROM ASSY, PW CONTROL BOARD (2K) P/N 216484 REV. B (ITEM 1).
- 2. THE FOLLOWING MODIFICATIONS ARE REQUIRED TO CONVERT CONTROL BOARD (2K), ITEM 1, TO EXTENDED MEMORY CONTROL BOARD (2K).
 - 1) CUT ETCH BETWEEN PIN 109 AND FEEDTHRU UNDER U9 (ETCH SIDE).
 2) PIN 108 AND FEEDTHRU. (ETCH SIDE).
 3) PIN 107
 PIN 106
 5) PIN 105
 PIN 62
 - 7) CUT ETCH BETWEEN PIN 63 AND FEEDTHRU. (ETCH SIDE).
 8)
 - 9) 10) ADD WIRE FROM U11-1 TO TO U11-2 U17-1. 11) U11-4 U11-5 U17-2. 12) U17-3. U11-12 13) U11-11 U11-15 TO U17-5. U11-14 14) U11-8. U11-7 15) PIN 105. U11-316) PIN 106. 17) U11-6 U11-10 PIN 107. 18) U11-13 PIN 108. 19)
 - 20) ADD WIRE FROM U16-15 TO PIN 109. 22)
 - 25)
 26) INSTALL MICROCIRCUIT, 74S00 (ITEM 2) IN LOCATION U11 PIN 1-7 AND 10-16.

RUBBER STAMP "ASSY 216642" .12 HIGH, WHITE CHARACTERS.

RUBBER STAMP "EXTN MEM." .12 HIGH, WHITE CHARACTERS.

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23) 24)

> ASSY, PRINTED WIRING-CONTROL BOARD (2K) (EXTENDED MEMORY)

Xerox Corporation
El Segundo, California

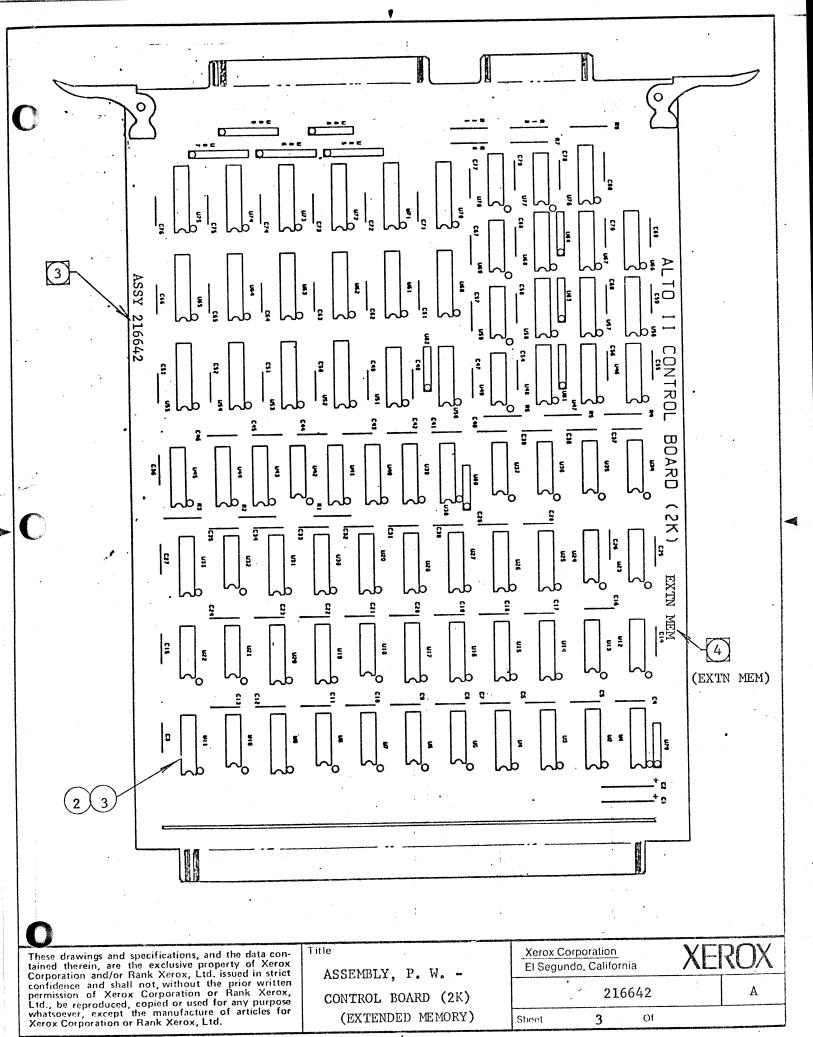
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Sheet 2

1586(3/73)

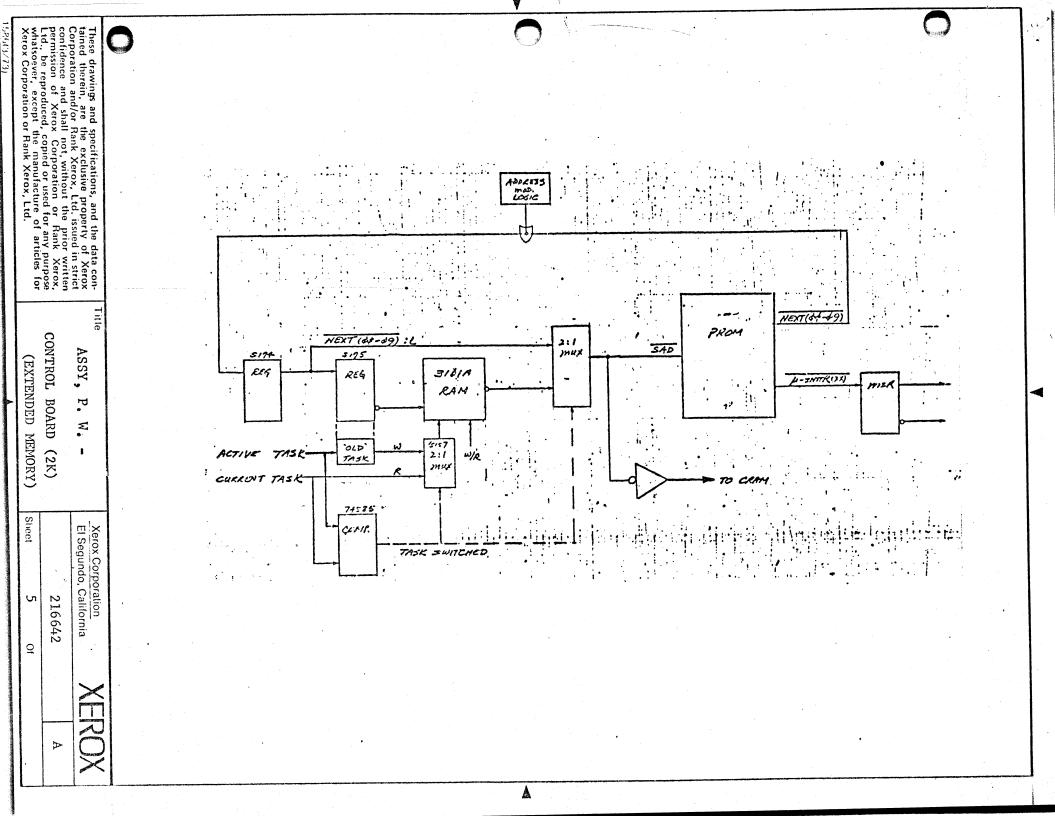


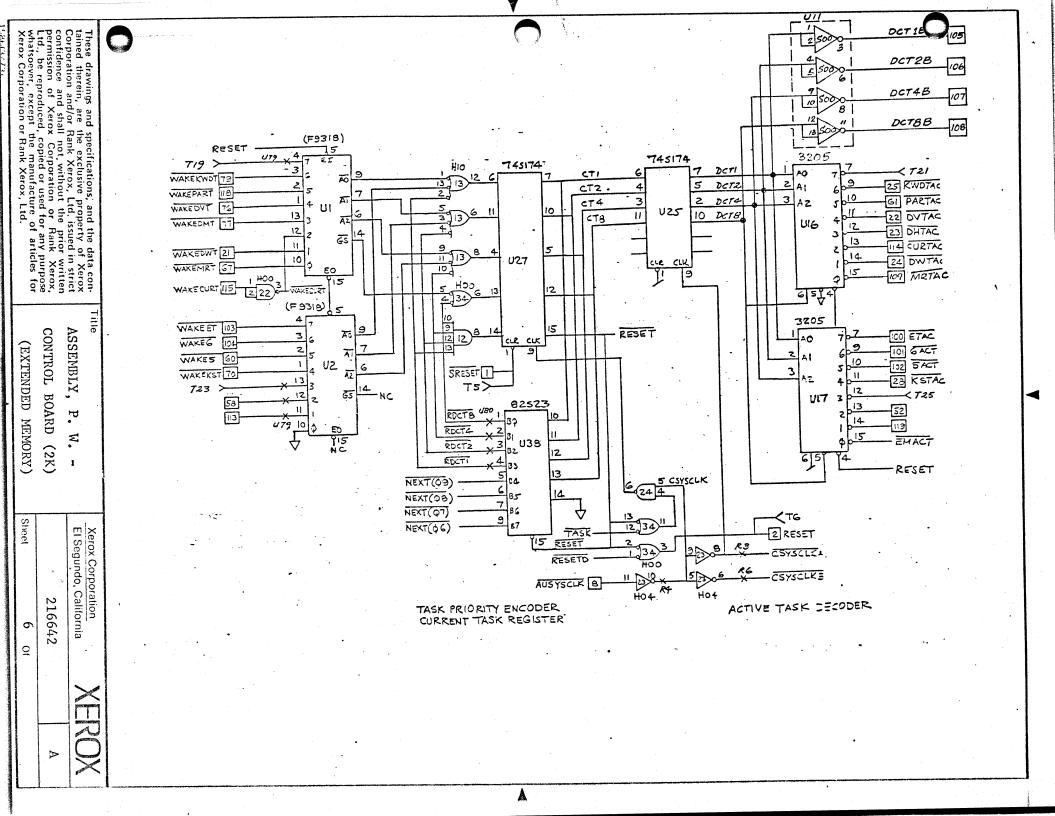
1526(3/73)

Xerox Corporation 701 South Aviation Boulevard El Segundo, California 90245 213 679-4511



rial Li	ist <u> </u>	7	•		ИL	Drawing No 21664	2	Rev. A
Orawing T	ASSEMBLY, PRINTED WIRING- CONTROL BOARD (2K)	in, are	rawings and speci the exclusive pro td. issued in stric itten permission o duced, copied or t ufacture of articles	perty of 2 ct confide of Xerox C used for a s for Xerox	Xerox	Corporation	on and/o ot, with nk Xero soever, lank Xer	or Rank
tem No.	(EXTENDED MEMORY)	Model No.	ALTO II	Date	L-2-		Sheet 4	Of
tem No.	Drawing Title		Drawing No.	No. Req.		Rei	marks	
1	Assy, PW - Control Board (2K)		216484	1		-4		
2	Microcircuit, 74S00			1	J)	J11 PIN	1-7 δ	10-1
3	Socket Augat # 514-AG11D			1	υ	11		
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UIS 5 D<u>C72</u> D<u>C74</u> 10 13 2018 48 RADZ 414 CTI CONTROL BOARD (2K) ASSEMBLY, P. 5 (EXTENDED MEMORY) H C7<u>4</u> 14 CT8 1A 517 S Σ. .'s M4 2 1/24 10 AO 12 AI 13 AZ 15 AJ 15 AJ 415 Sheet Xerox Corporation
El Segundo, California 216642

A74H40 (3175 (315) '5174 (2 PL's) SAD (13) NETT (72) -NEXT (\$2): R 5 12 10 G #2
11 #3
10 #3
14 #4
13 #4 5AC (34) NEXT (+3) 14 MEXT(#3) R U96 SAD (\$5) NETT(+) 15 NEXT (14) R 14 NEXT (\$5)-K 13 NEITI+5) HEIT(75)K AΒ SAD(16) 5 483 3 21 540(47) 10 NETT (\$6) 39 NEXT(76) R CONTROL BOARD (2K) ASSEMBLY, SHELDE) NETTIT) 14 U57. NEXT(P7) A3 A3 A4 A4 U56 (EXTENDED MEMORY) NEXT (43) 12 10 SHE (79) NEIT(38) NEXT (35, K 13 NEXT 19) NEXT (19).K P SAD(DU 2 A1 17 5 B1 5 B2 27 6 P2 UCB U64 NOT(31) 3 2 VEXT(\$1) X <u>3</u> Σ. 116 NEXT (PI): K SHEITE 1110 NEVICEN R 11 NEST(H) PCFS 14-NEXT (49) K U67 466 10 PCFI PCSIF PCIG 11.9 Sheet Xerox Corporation
El Segundo, California RADI CS, SCIKE RADZ. TASKEW RAZA RAZB 216642 10 034 8 ō

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ASSEMBLY, 7 Σ

Title

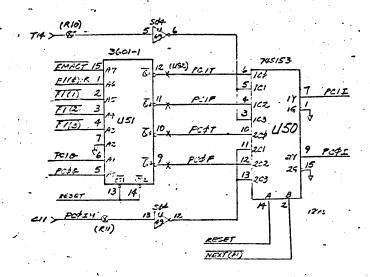
CONTROL BOARD (2K) (EXTENDED MEMORY)

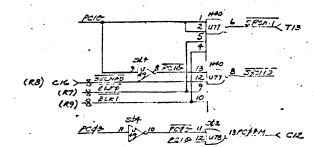
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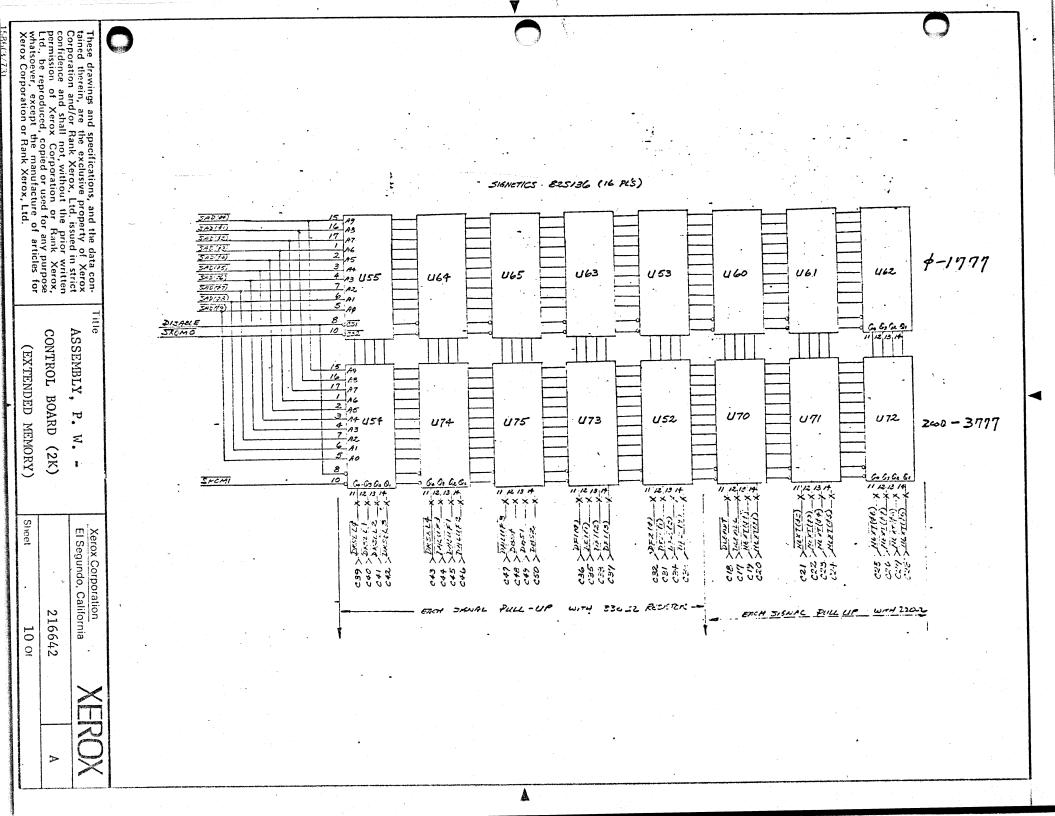
Xerox Corporation El Segundo, California 9 216642

SOF (IOKS) 5AD(91) 9 14 8 SAD(42) (C/ 5ADIFIT 11 SU 10 SANTI) < C2 5+3(12) 13 4 12 SAD(42) < C3 540(13) 1 (4) 2 SAD(\$3) < C4 540(4) 3 54 4 SAD(14) C5 SAU(45) < CL SAUGE 11 10 SAD(46) C7 5AU(38) 9 59 8 SAL(48) < C9 5A(49) 5 5 6 5A2(49) < C/0

X EACH SIGNAL PULL-UP WITH 330 SL RESISTER & EACH SIGNAL PULL-UP WITH IKIL RESISTOR







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41 RSHI
46 ISHI
110 GUCK
775K 38 > 19 10 F1(2) 13205 Title 15 E3 4 E1 27 6 SC2 9 707 31 ASSEMBLY, CONTROL BOARD (2K) (EXTENDED MEMORY) 15 4 12 FI(1) DFI(1) 10 F114):R DF1(\$) I3205 5 हाइई -DISP
READMOUSE
-MD
-KDATA
-KSTAT
BUS-Z
ZERORUS 1850 9<u>9</u> 117 96 **P** 43 20 2 851 IEST E. 50> 15 852 1/2 20 34 2422 10 16 E3 4 E3 1 FALLE FA CSYSCLKA Sheet Xerox Corporation El Segundo, Califor 40 13 25 12 DUCADL Ê EWIAC 18> 69 CLART DLCADT California 216642 Q

15 M.C. 14 M.C. 13 M.C.

73=12 -116 F2=11 -51 F2=10

75 DNS

302

73

4B15

12 13

11 NC.

EMACT

2 13 N.C

1 Ne 1 Ne 5 Ne 6 Ne 6 Ne 7 Ne 7 Ne. (Bus=4)

